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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application: **Chari et al.**	§	Group Art Unit: **2192**
Serial No.: **10/753,857**	§	Examiner: **Rutten, James D.**
Filed: **January 8, 2004**	§	Attorney Docket No.: **CA920030118US1**
For: **Integrated Visual and Language-Based System and Method for Reusable Data Transformations**	§	Customer No.: **50170**

AGENDA FOR TELEPHONE INTERVIEW
FOR DISCUSSION ONLY

In response to the Final Office Action dated May 13, 2008, please consider the following proposed amendments. The Examiner is invited to call Applicants' representative at the below number to schedule a telephone interview.

1. (Currently Amended): A method for deploying a set of coupled data transformation modules describing a data transformation, the data transformation for transforming a data structure from a first format to a second format, the method comprising the steps of:

employing a user interface to ~~receiving~~ receive an instruction for selecting the set of transformation modules from a memory and generate an instruction message for coordinating creation of converted common models based on the selected set of transformation modules;

converting each of the set of transformation modules to a common model format to form converted common modules, the set of modules having a first transformation

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module being a language constructed module constructed using a language based editor and a second transformation module being a visually constructed module constructed using a visually based editor, wherein one of the first module or the second module references the other of the first module or the second module;

updating a module registry to include entries corresponding to each of the converted common modules;

including a name of each of the converted common modules in the entries of the registry, the names for retrieving corresponding common modules from the memory in response to the instruction for coordinating creation of converted common models; [[and]]

generating an executable version of the converted transformation modules suitable for execution by a data transformation engine to form at least one deployment module, wherein the executable version when executed transforms the data structure from the first format to the second format, wherein the common model format contains all information for use in implementing the transformation functionality of the original coupled transformation modules, wherein the common model format is different from both the format of the language constructed modules and the format of the visually constructed modules, and wherein the common model format is generic for suitable generation of the executable version for a selected one of a plurality of runtime environments for the data transformation engine, and wherein generating an executable version of the converted transformation modules comprises removing a portion of visual interface contents from each of the visually constructed modules during conversion of the visual modules to the common model format; and

~~wherein the executable version when executed transforms the data structure from the first format to the second format~~ executing the at least one deployment module in one or more deployment engines to transform the data structure from the first format to the second format.

2-10. (Canceled)

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11. (Previously Presented): The method of claim 1, further comprising reconfiguring a given transformation module directly into the executable version of the coupled transformation module.

12. (Original): The method of claim 1, wherein the step of receiving the instruction is performed after the step of converting the set of transformation modules to a common model format.

13-26. (Canceled)

Thus, *Upson* teaches that all data transforms are stored in the same form. In other words, all data transforms are visual based and stored in the library in a common form.

Banning teaches that translation of text based SQL query statements, in their executable form, and graphically based visual query representations, in their editable form in a graphical user interface, requires a common data structure. Applicants note that the above cited portion of *Banning* does not teach or fairly suggest converting data transform modules of different types to a common model. Rather, *Banning* teaches throughout the disclosure that all SQL statements are created visually.

While *Aho* does appear to teach an intermediate representation of a source program in the cited portion above, *Aho* does not teach or fairly suggest a common **model** for a **data transform module**.

The cited references taken individually teach data transforms, some language based and some visual based. The cited references taken individually teach a common model for translating between language based and visual based transforms. However, the cited references, taken individually **or in combination**, fail to teach or suggest a plurality of data transforms, some language based and some visually based, where a language based transform references a visually based transform or *vice versa*, and converting that plurality of data transforms to a common model format. The cited references, taken alone

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or in combination, fail to teach or suggest generating an executable version of the converted transforms to form deployment modules and executing the deployment modules in a deployment engine.

Respectfully submitted,

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